

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091421\
 Data File : VD070350.D
 Acq On : 14 Sep 2021 13:43
 Operator : VA/SY
 Sample : M3707-01RE
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PL-02-091021RE

Quant Time: Sep 15 02:46:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 09 03:07:09 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

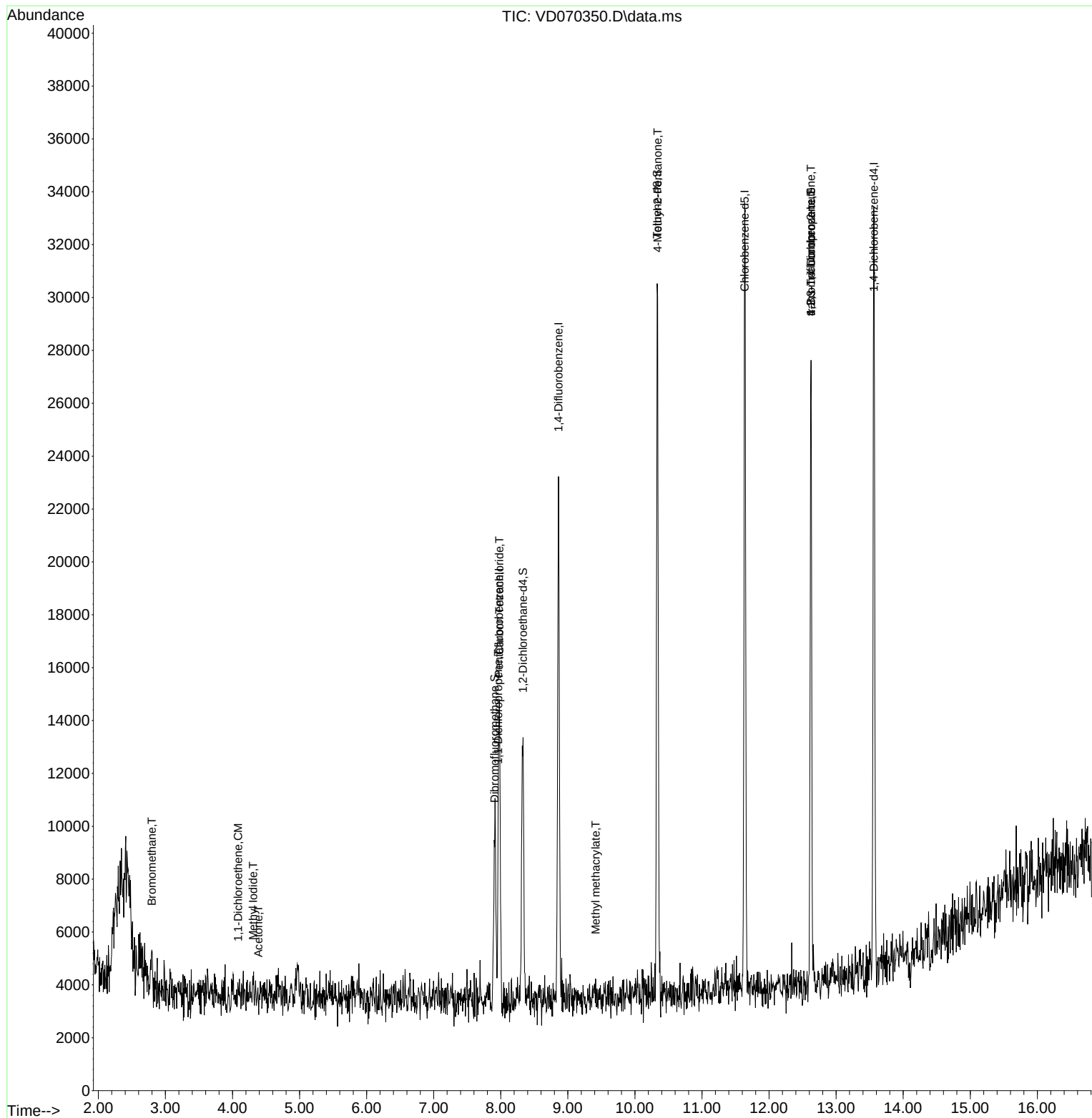
Internal Standards						
1) Pentafluorobenzene	7.973	168	9223	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	16572	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	19169	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	8789	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	8861	74.823	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery	= 149.640%		
35) Dibromofluoromethane	7.908	113	5348	45.337	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery	= 90.680%		
50) Toluene-d8	10.332	98	19532	45.605	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery	= 91.200%		
62) 4-Bromofluorobenzene	12.626	95	8118	54.235	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery	= 108.480%		
Target Compounds						
						Qvalue
5) Bromomethane	2.797	94	746	3.639	ug/l	88
10) Methyl Iodide	4.309	142	157	2.376	ug/l #	39
12) 1,1-Dichloroethene	4.085	96	118	1.099	ug/l #	1
16) Acetone	4.385	43	104	4.919	ug/l #	36
18) Methyl Acetate	4.791	43	75	Below Cal	#	48
20) Methylene Chloride	4.950	84	106	Below Cal	#	9
36) 1,1-Dichloropropene	7.961	75	537	3.032	ug/l #	41
38) Carbon Tetrachloride	7.979	117	1148	6.553	ug/l #	12
48) Methyl methacrylate	9.414	41	75	1.326	ug/l #	10
51) 4-Methyl-2-Pentanone	10.338	43	93	1.467	ug/l #	32
76) 1,2,3-Trichloropropane	12.626	75	4181	47.029	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	4181	117.836	ug/l #	17

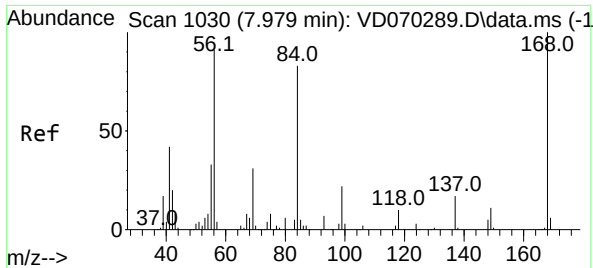
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

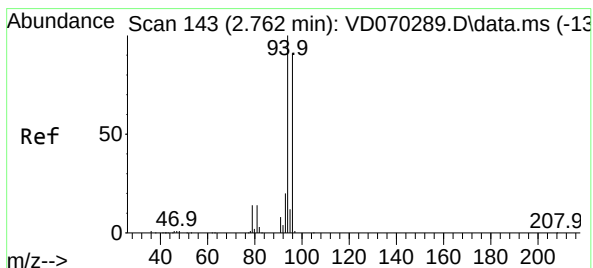
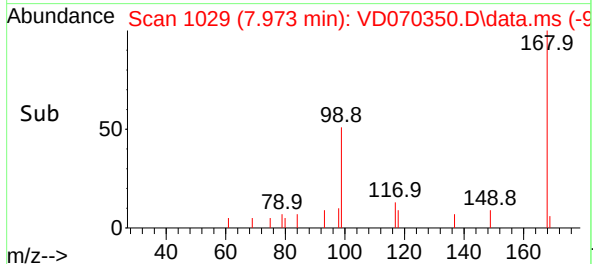
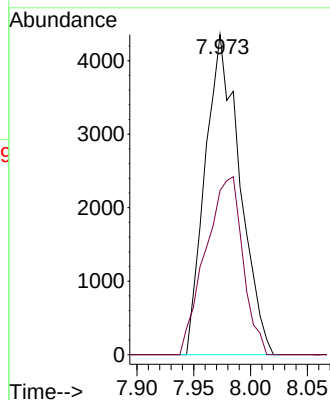
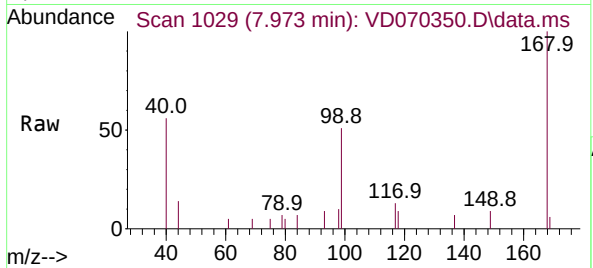




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070350.D
Acq: 14 Sep 2021 13:43

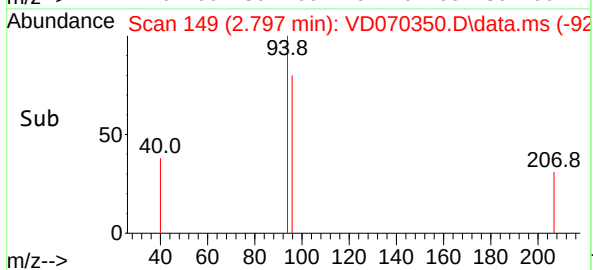
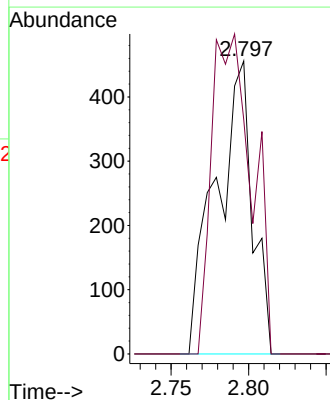
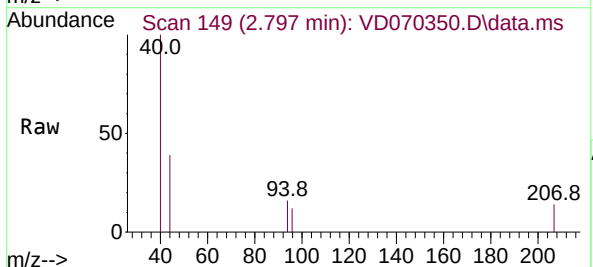
Instrument :
MSVOA_D
ClientSampleId :
PL-02-091021RE

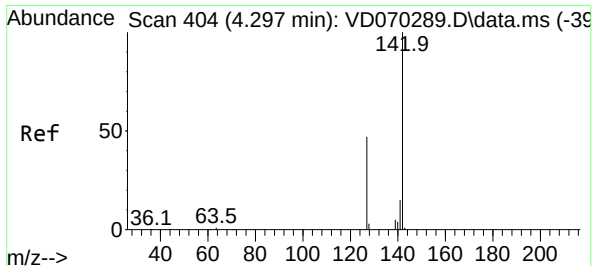
Tgt Ion:168 Resp: 9223
Ion Ratio Lower Upper
168 100
99 51.3 50.8 76.2



#5
Bromomethane
Concen: 3.639 ug/l
RT: 2.797 min Scan# 149
Delta R.T. 0.035 min
Lab File: VD070350.D
Acq: 14 Sep 2021 13:43

Tgt Ion: 94 Resp: 746
Ion Ratio Lower Upper
94 100
96 80.0 73.0 109.6





#10

Methyl Iodide

Concen: 2.376 ug/l

RT: 4.309 min Scan# 406

Delta R.T. 0.012 min

Lab File: VD070350.D

Acq: 14 Sep 2021 13:43

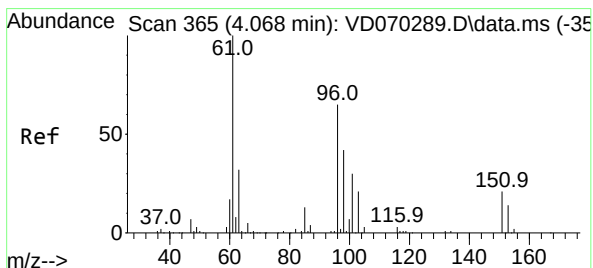
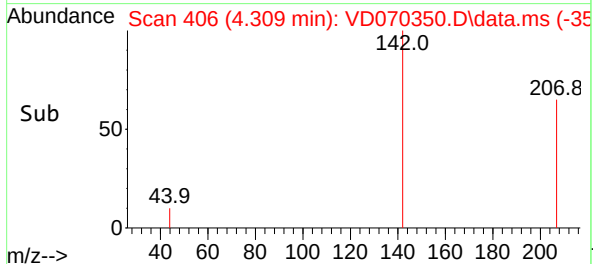
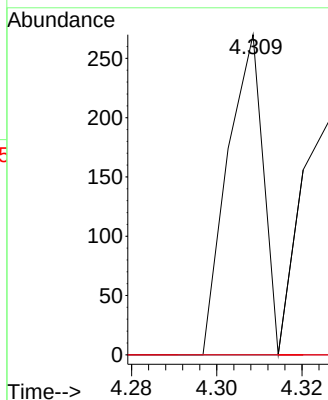
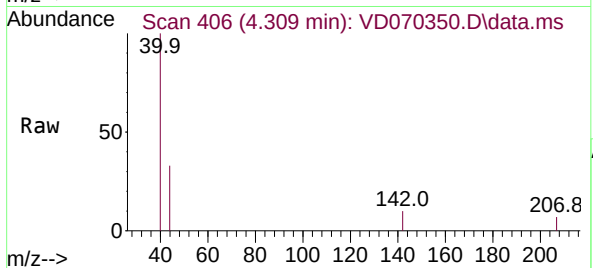
Instrument :

MSVOA_D

ClientSampleId :

PL-02-091021RE

Tgt Ion:	142	Resp:	157
Ion	Ratio	Lower	Upper
142	100		
127	0.0	36.9	55.3#
141	0.0	11.8	17.6#



#12

1,1-Dichloroethene

Concen: 1.099 ug/l

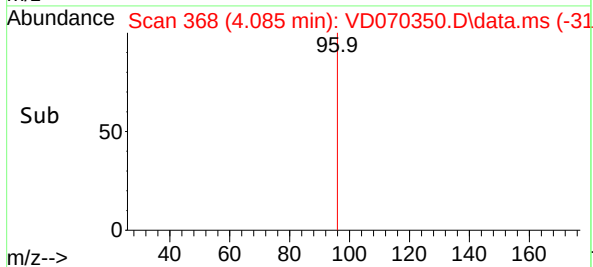
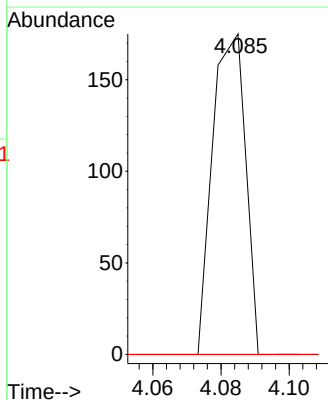
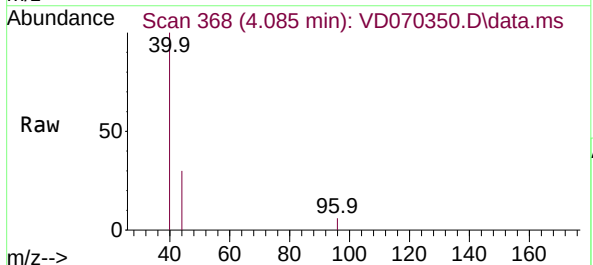
RT: 4.085 min Scan# 368

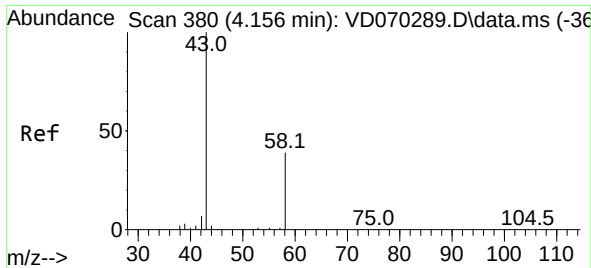
Delta R.T. 0.017 min

Lab File: VD070350.D

Acq: 14 Sep 2021 13:43

Tgt Ion:	96	Resp:	118
Ion	Ratio	Lower	Upper
96	100		
61	0.0	123.2	184.8#
98	0.0	51.9	77.9#

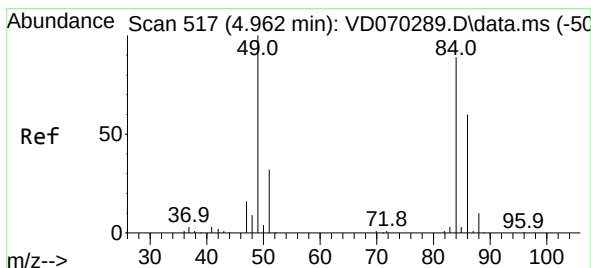
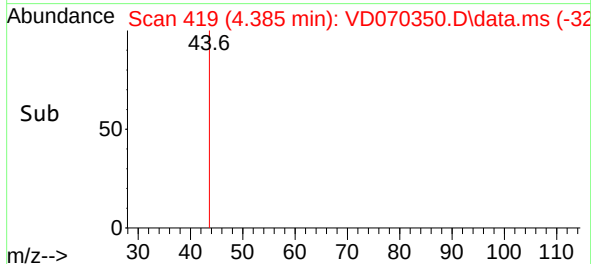
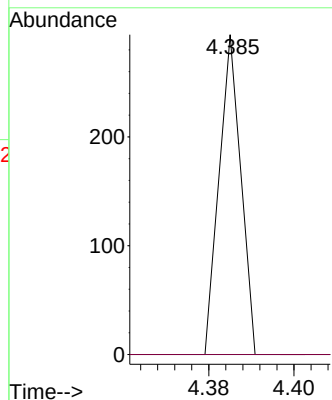
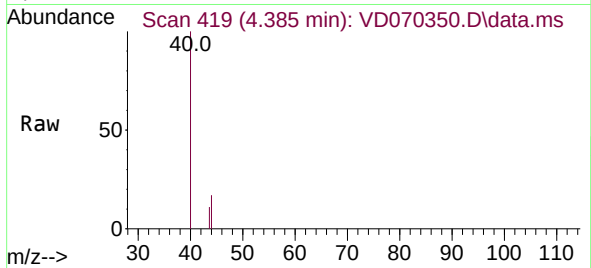




#16
Acetone
Concen: 4.919 ug/l
RT: 4.385 min Scan# 419
Delta R.T. 0.229 min
Lab File: VD070350.D
Acq: 14 Sep 2021 13:43

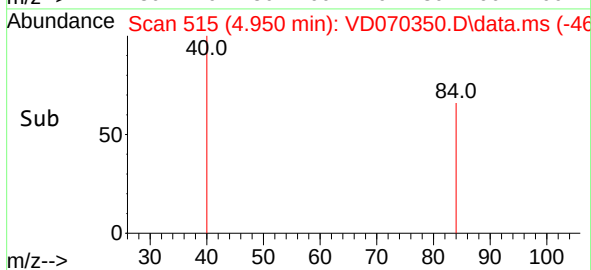
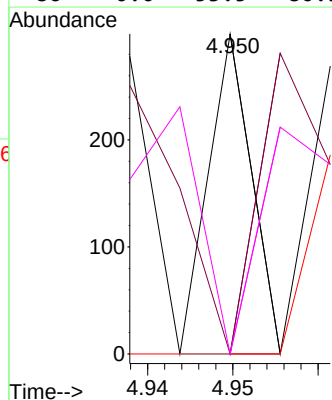
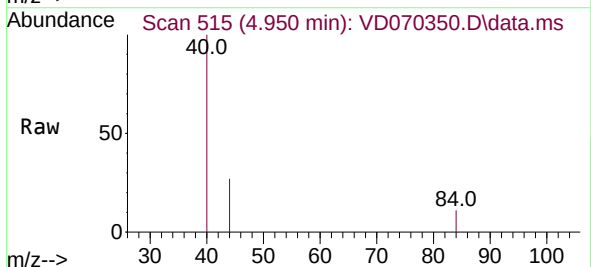
Instrument :
MSVOA_D
ClientSampleId :
PL-02-091021RE

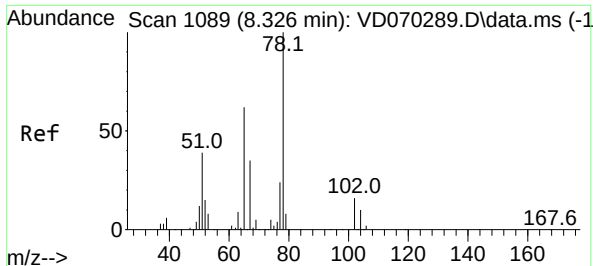
Tgt Ion: 43 Resp: 104
Ion Ratio Lower Upper
43 100
58 0.0 30.9 46.3#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.950 min Scan# 515
Delta R.T. -0.012 min
Lab File: VD070350.D
Acq: 14 Sep 2021 13:43

Tgt Ion: 84 Resp: 106
Ion Ratio Lower Upper
84 100
49 0.0 89.6 134.4#
51 0.0 28.6 43.0#
86 0.0 53.5 80.3#

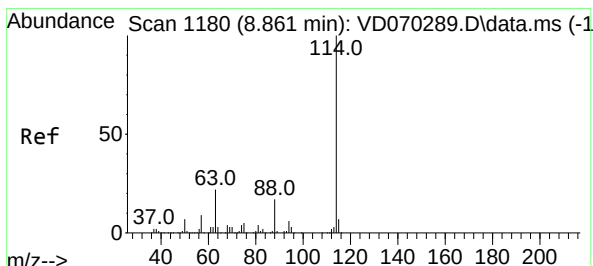
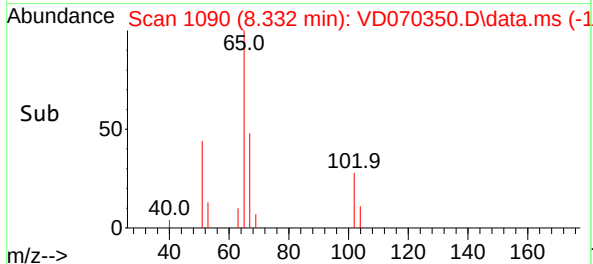
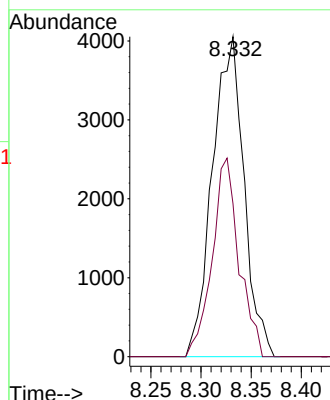
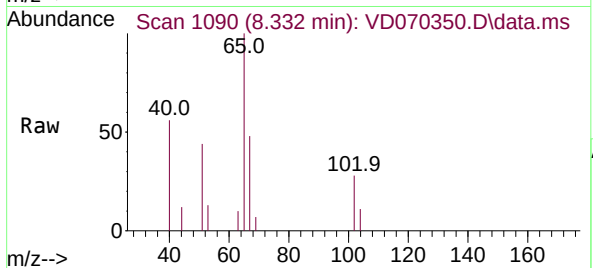




#33
1,2-Dichloroethane-d4
Concen: 74.823 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD070350.D
Acq: 14 Sep 2021 13:43

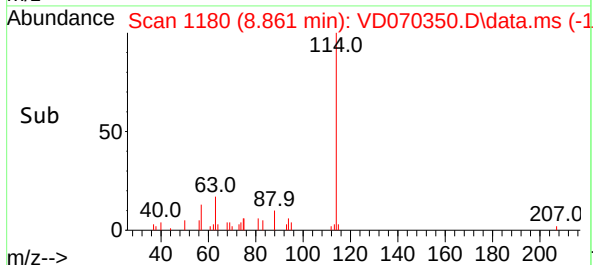
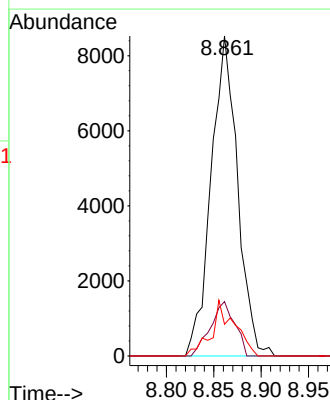
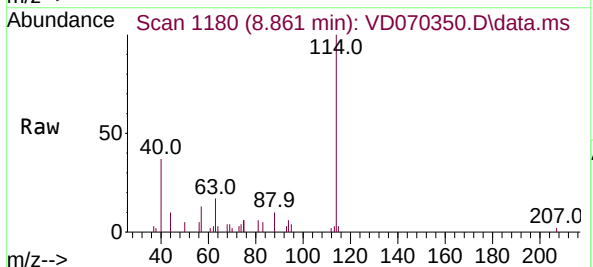
Instrument :
MSVOA_D
ClientSampleId :
PL-02-091021RE

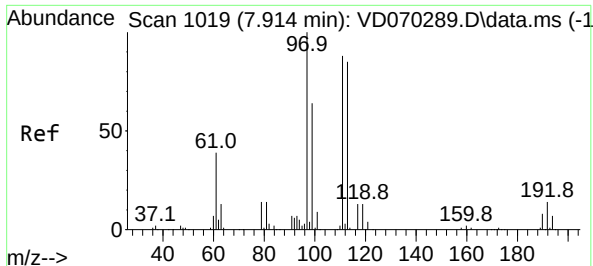
Tgt Ion: 65 Resp: 8861
Ion Ratio Lower Upper
65 100
67 52.7 0.0 111.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070350.D
Acq: 14 Sep 2021 13:43

Tgt Ion: 114 Resp: 16572
Ion Ratio Lower Upper
114 100
63 17.0 0.0 43.4
88 9.9 0.0 33.4





#35

Dibromofluoromethane

Concen: 45.337 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD070350.D

Acq: 14 Sep 2021 13:43

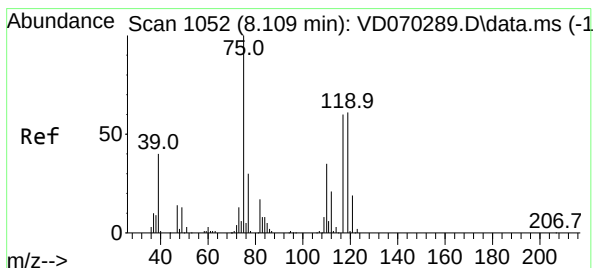
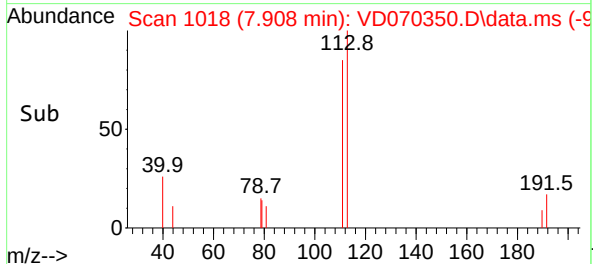
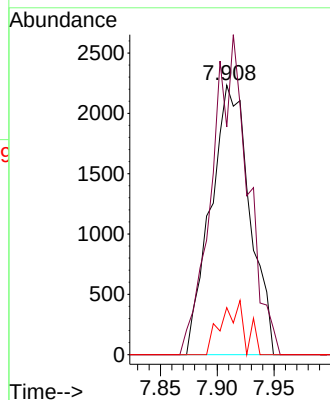
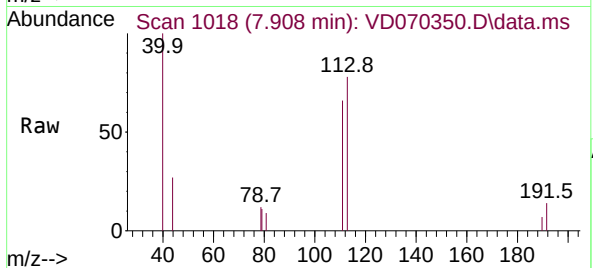
Tgt Ion:113 Resp: 5348

Ion Ratio Lower Upper

113 100

111 109.2 81.4 122.2

192 12.2 13.0 19.6#



#36

1,1-Dichloropropene

Concen: 3.032 ug/l

RT: 7.961 min Scan# 1027

Delta R.T. -0.147 min

Lab File: VD070350.D

Acq: 14 Sep 2021 13:43

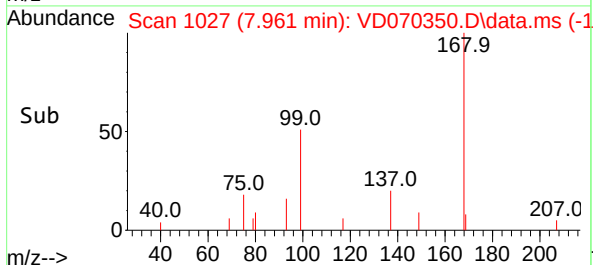
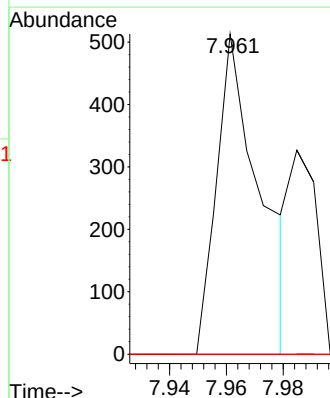
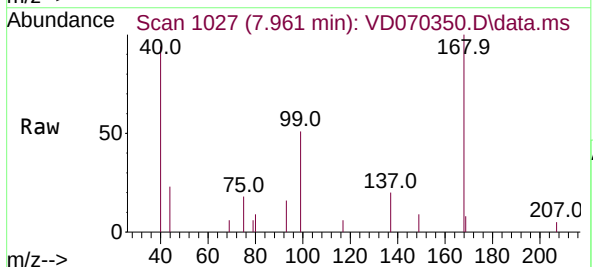
Tgt Ion: 75 Resp: 537

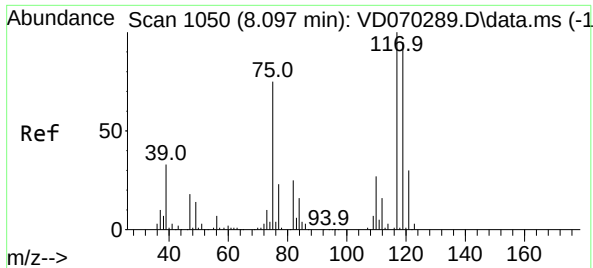
Ion Ratio Lower Upper

75 100

110 0.0 17.9 53.7#

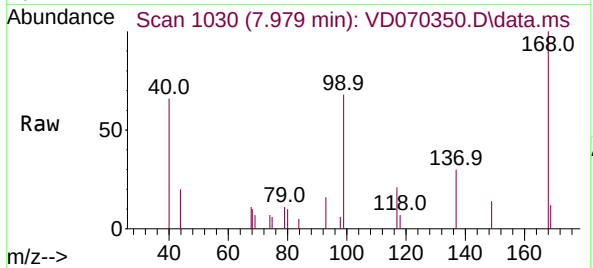
77 0.0 25.3 37.9#



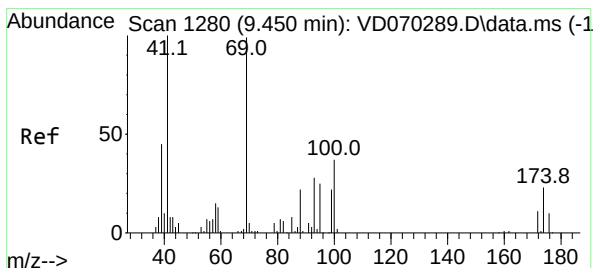
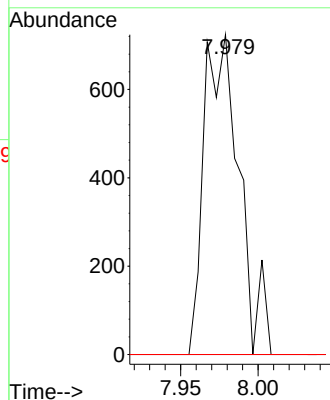
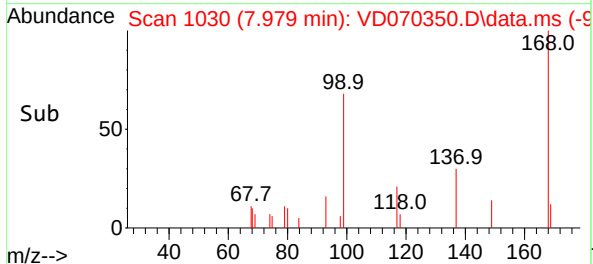


#38
Carbon Tetrachloride
Concen: 6.553 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD070350.D
Acq: 14 Sep 2021 13:43

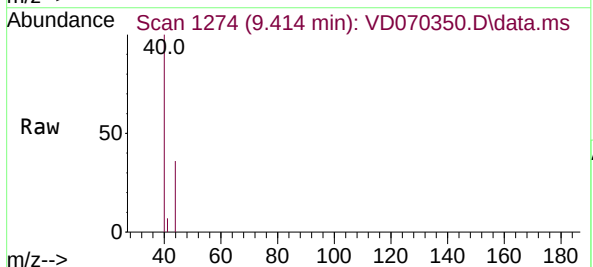
Instrument :
MSVOA_D
ClientSampleId :
PL-02-091021RE



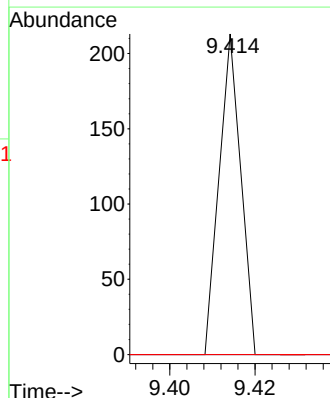
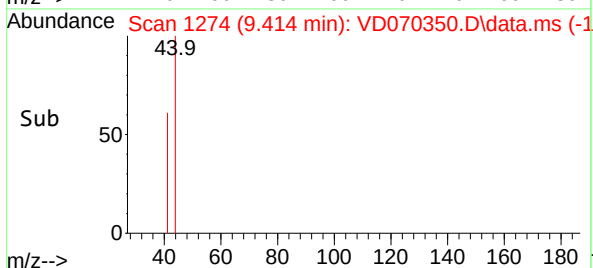
Tgt Ion:117 Resp: 1148
Ion Ratio Lower Upper
117 100
119 0.0 76.1 114.1#
121 0.0 23.8 35.6#

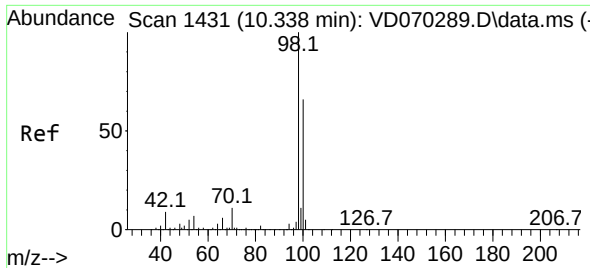


#48
Methyl methacrylate
Concen: 1.326 ug/l
RT: 9.414 min Scan# 1274
Delta R.T. -0.035 min
Lab File: VD070350.D
Acq: 14 Sep 2021 13:43



Tgt Ion: 41 Resp: 75
Ion Ratio Lower Upper
41 100
69 0.0 79.8 119.8#
39 0.0 34.4 51.6#

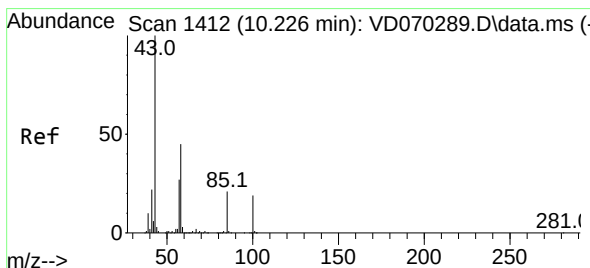
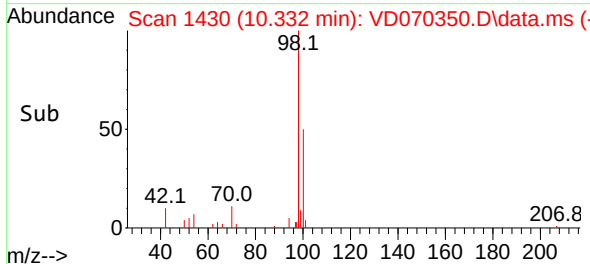
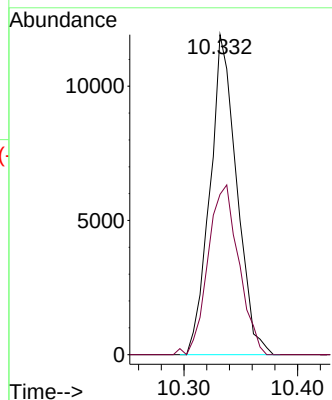
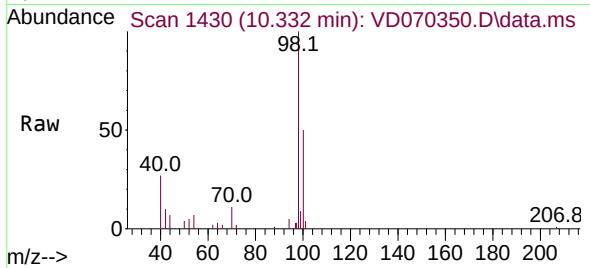




#50
Toluene-d8
Concen: 45.605 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070350.D
Acq: 14 Sep 2021 13:43

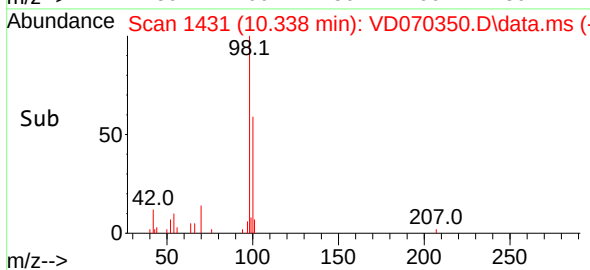
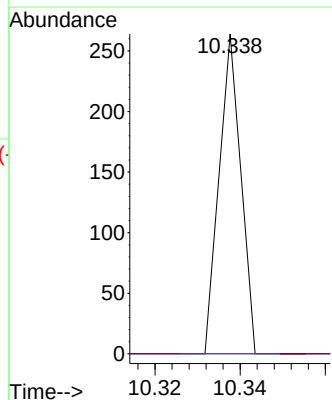
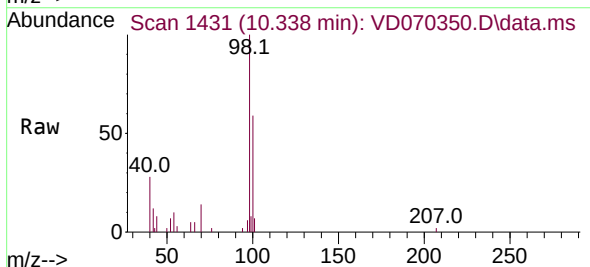
Instrument :
MSVOA_D
ClientSampleId :
PL-02-091021RE

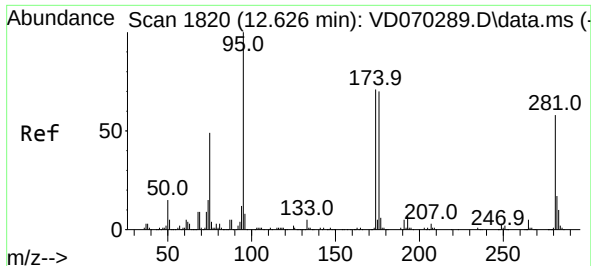
Tgt Ion: 98 Resp: 19532
Ion Ratio Lower Upper
98 100
100 60.9 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 1.467 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.112 min
Lab File: VD070350.D
Acq: 14 Sep 2021 13:43

Tgt Ion: 43 Resp: 93
Ion Ratio Lower Upper
43 100
58 0.0 35.4 53.2#

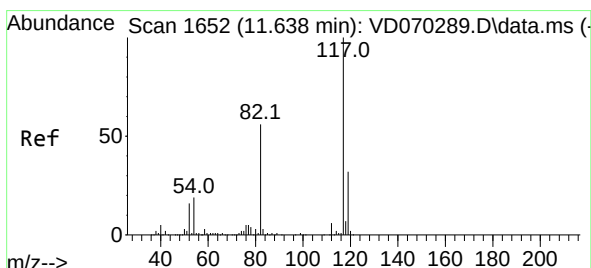
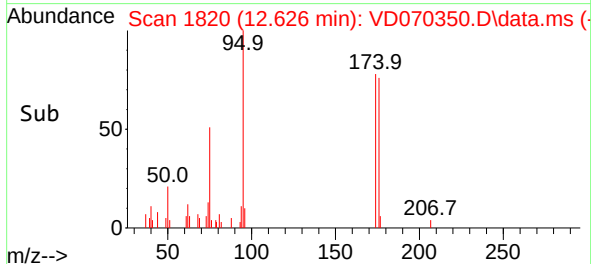
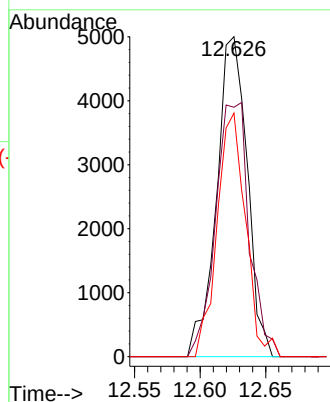
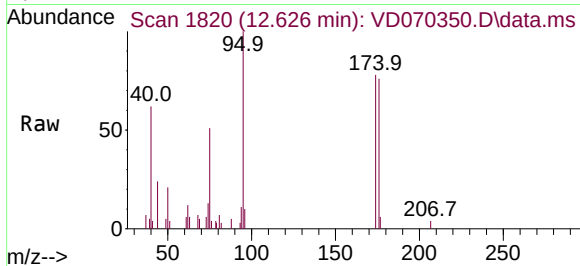




#62
4-Bromofluorobenzene
Concen: 54.235 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070350.D
Acq: 14 Sep 2021 13:43

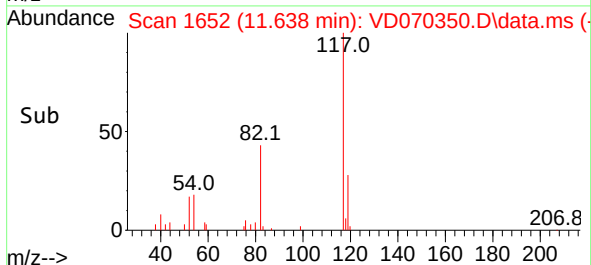
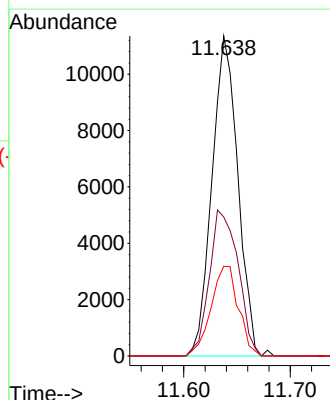
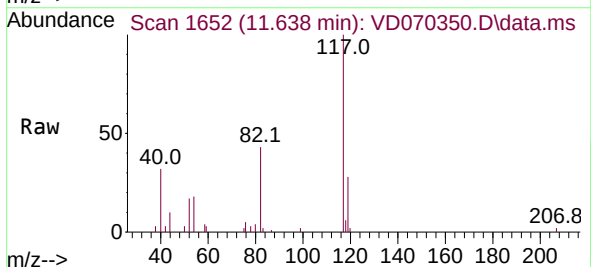
Instrument :
MSVOA_D
ClientSampleId :
PL-02-091021RE

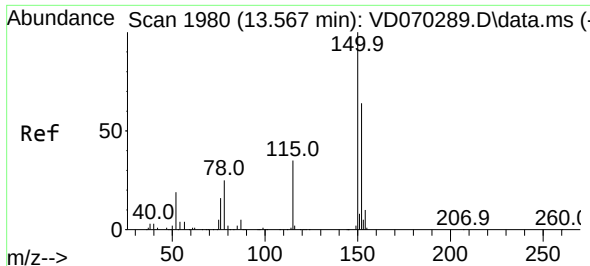
Tgt Ion:	95	Resp:	8118
Ion	Ratio	Lower	Upper
95	100		
174	87.2	0.0	140.6
176	70.9	0.0	137.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070350.D
Acq: 14 Sep 2021 13:43

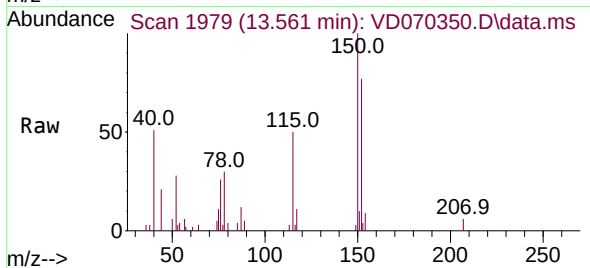
Tgt Ion:	117	Resp:	19169
Ion	Ratio	Lower	Upper
117	100		
82	43.4	45.0	67.4#
119	28.0	25.2	37.8



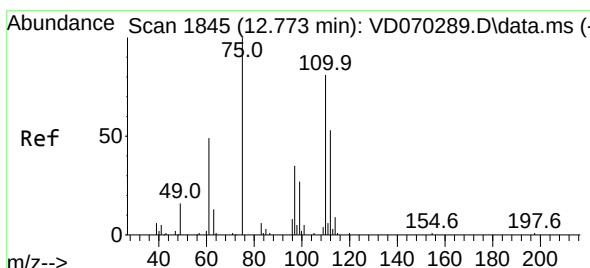
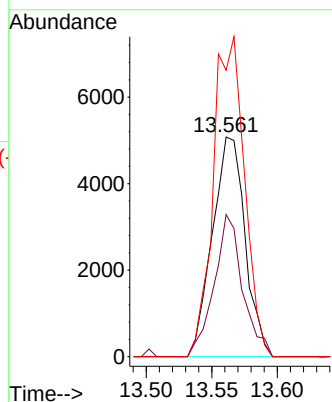
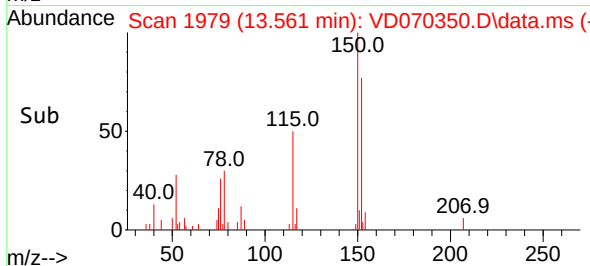


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD070350.D
Acq: 14 Sep 2021 13:43

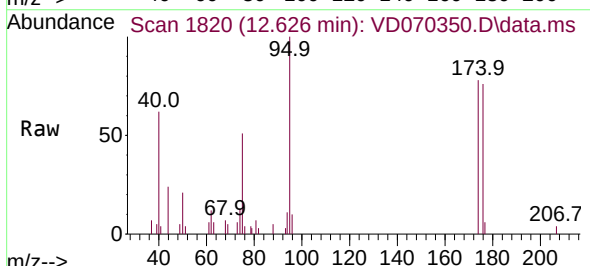
Instrument :
MSVOA_D
ClientSampleId :
PL-02-091021RE



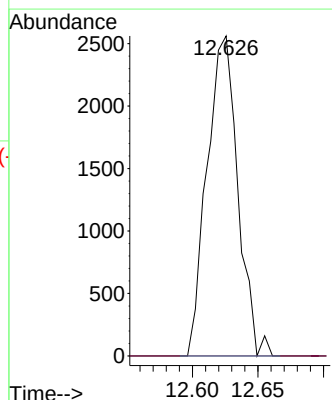
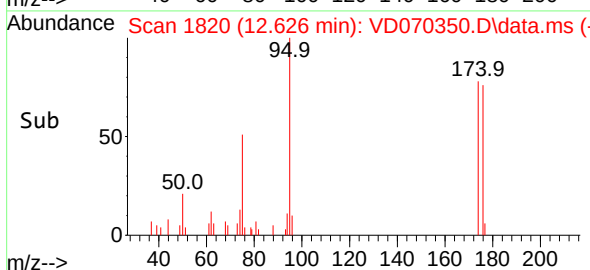
Tgt Ion:152 Resp: 8789
Ion Ratio Lower Upper
152 100
115 56.5 32.1 96.3
150 139.4 0.0 350.6

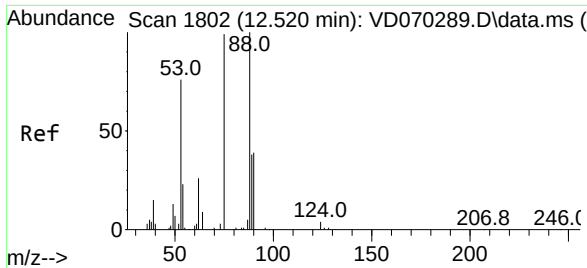


#76
1,2,3-Trichloropropane
Concen: 47.029 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070350.D
Acq: 14 Sep 2021 13:43



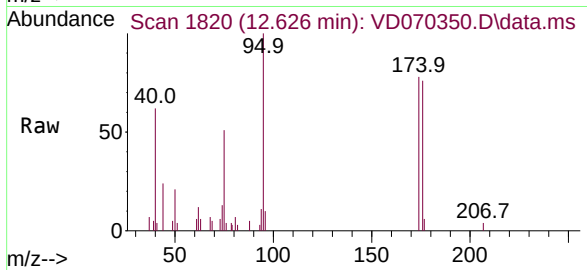
Tgt Ion: 75 Resp: 4181
Ion Ratio Lower Upper
75 100
77 0.0 174.9 524.7#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 117.836 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. 0.106 min
 Lab File: VD070350.D
 Acq: 14 Sep 2021 13:43

Instrument :
 MSVOA_D
 ClientSampleId :
 PL-02-091021RE



Tgt Ion:	75	Resp:	4181
Ion	Ratio	Lower	Upper
75	100		
53	0.0	64.2	96.2#
89	0.0	35.6	53.4#

